



Date September 4, 2003 Label No. EV306611953US

I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

Kim Blum
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Kim Blum
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Mikhail Y. KACHALOV et al.)

Application No.: 10/620,314) Docket No.: 02116 (3600-416)

Filed: July 15, 2003) Examiner: Unassigned

Group Art Unit: Unassigned) Confirmation No.: Unassigned

For: SPUTTERING TARGET ASSEMBLIES USING RESISTANCE WELDING

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

September 4, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

This Information Disclosure Statement is being submitted before expiration of the three-month period following filing of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. *See* 37 CFR 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

Information Disclosure Statement
U.S. Patent Application No. 10/620,314

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in this application and applicant determines that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

It is believed that no fee is required to make this a complete and timely filing. However, if it is determined that a petition or fee is required, the Commissioner is hereby authorized to charge any fee associated with this statement to our Deposit Account No. 03-0060.

Respectfully submitted,



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Enclosures: PTO-1449, w/ 14 Documents



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FORM 16-1449 (REV 7-80)			Atty. Docket No. 02116 (3600-416)	Application No. 10/620,314
INFORMATION DISCLOSURE STATEMENT			APPLICANT: Mikhail Y. Kachalov et al.	
			Filing Date: July 15, 2003	Group Art Unit: Unassigned

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE, IF APPROPRIATE
		3,452,421	7/1/69	Cheng et al.	29	470.3	
		3,693,238	9/26/72	Hoch et al.	29	470.3	
		3,998,376	12/21/76	Haines	228	154	
		4,349,954	9/21/82	Banks	29	458	
		5,342,496	8/30/94	Stellrecht	204	298.12	
		5,693,203	12/2/97	Ohhashi et al.	204	298.12	
		5,836,506	11/17/98	Hunt et al.	228	172	
		5,863,398	1/26/99	Kardokus et al.	204	298.13	
		6,071,389	6/6/00	Zhang	204	298.12	
		6,183,613 B1	2/6/01	Gilman et al.	204	298.12	
		6,348,113 B1	2/19/02	Michaluk et al.	148	668	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	NO
		WO 00/15863	3/23/00	WIPO				
		WO 02/47865 A1	6/20/02	WIPO				
		WO 02/49785 A1	6/27/02	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.